

What is my Kernel Doing????

The objective of the exercise is to identify what system calls are being used by various applications. You have to run the following applications

- Browser (create multiple tabs, visit some sites that contains javascript).
Add variety to your number of applications.
- Use equivalent of excel/word on ubuntu and run some computation on it.
- Download the source code of redis and compile it.
- Run redis benchmark on redis.
- Some standard linux commands like ls, cat, etc.

Measure the system call activity that is happening by using the strace/perf command. At the end you should be able to summarize

- Which are the most popular system calls across the various applications
- How much time is being spent in these various system calls.
- Which are the most infrequently used system calls.

Additional bonus

- How much time is spent in locking?
- How many threads are being used by each process?